

FIG. 1

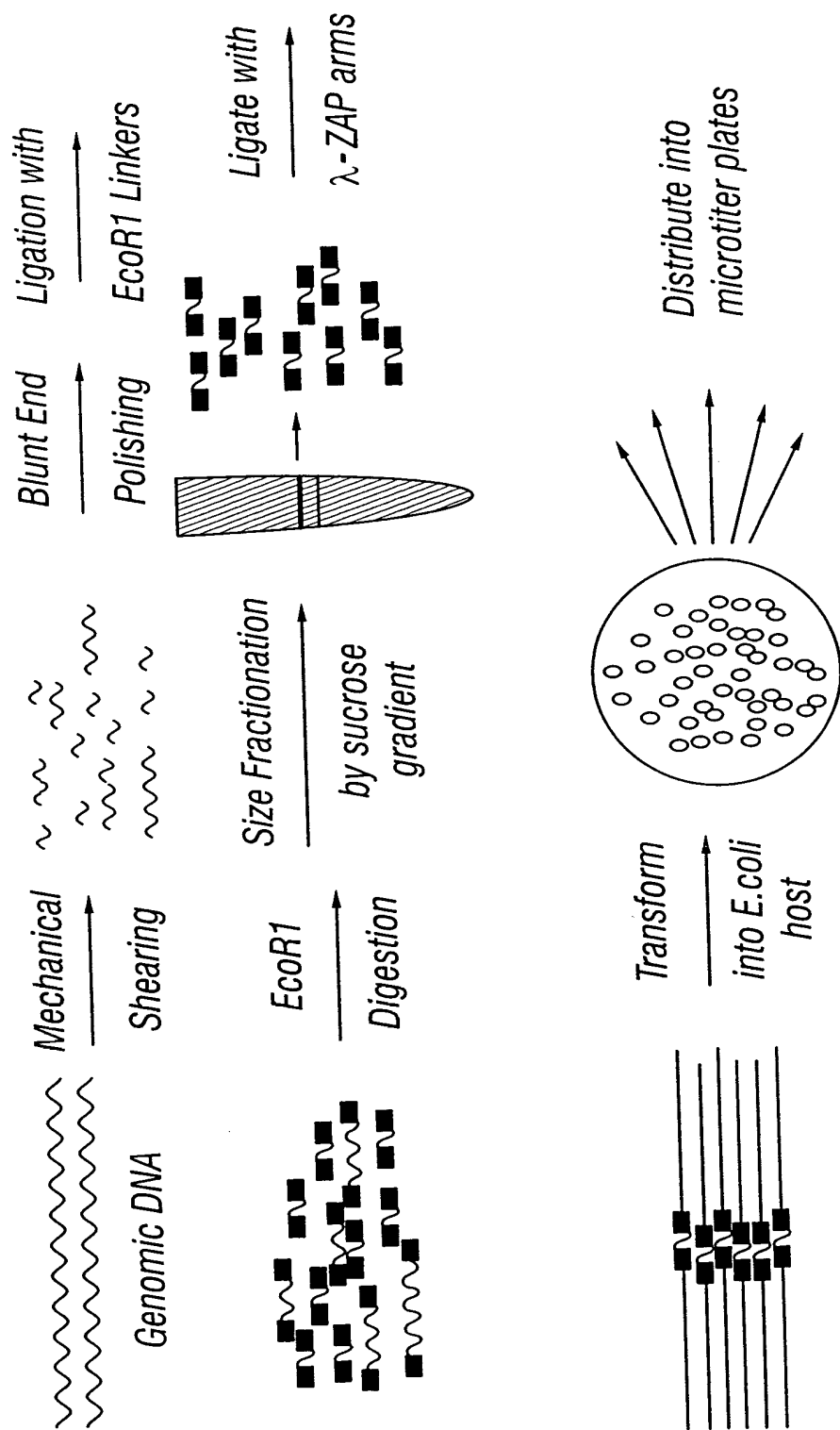


FIG. 2

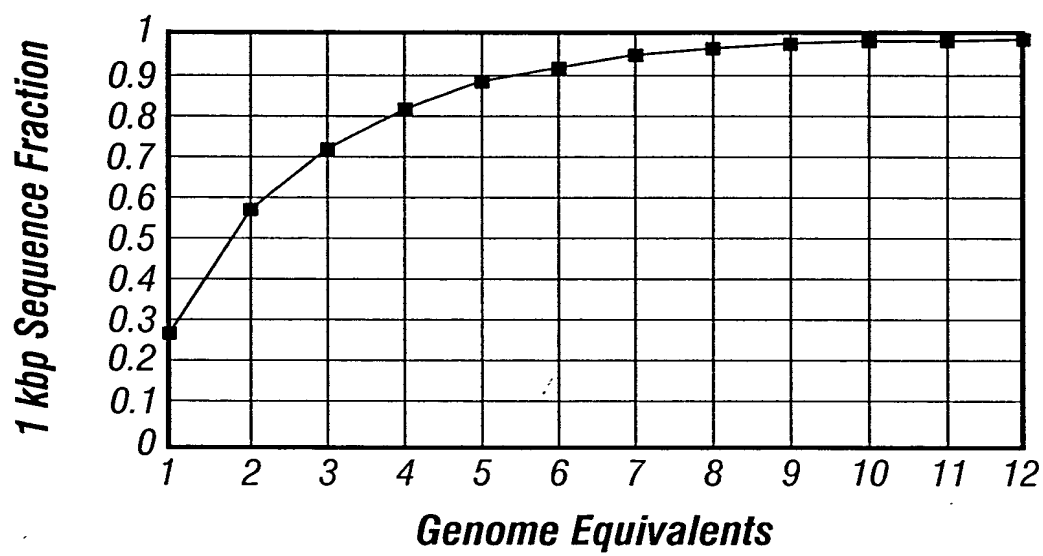


FIG. 3



β -Gal clone with different substrates

- cells were stained with FDG, CMFDG or C12FDG, incubated for 30 min. at 70°C, spotted onto a slide and exposed to UV light.
- bright spot indicates staining of cells

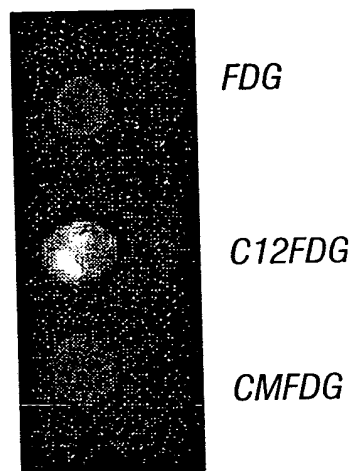


FIG. 5

6/16

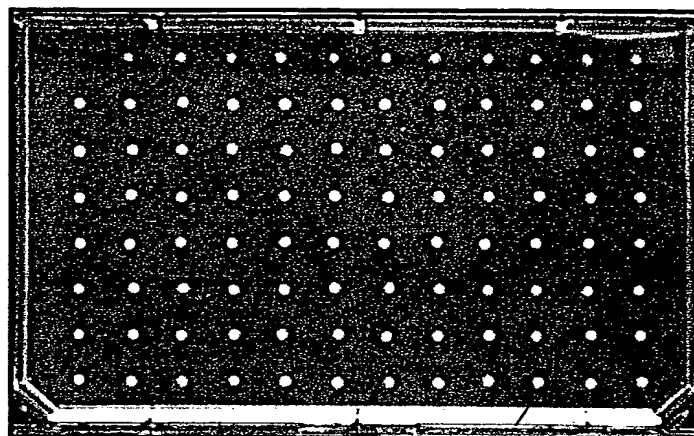


FIG. 6

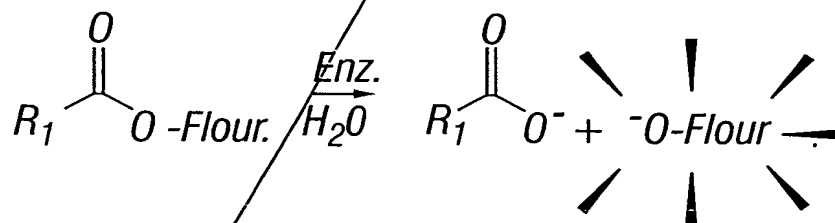


FIG. 7

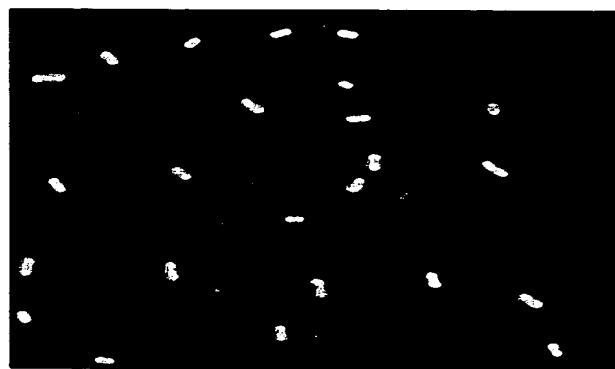


FIG. 8

FOCUS 5000 360

Paper A

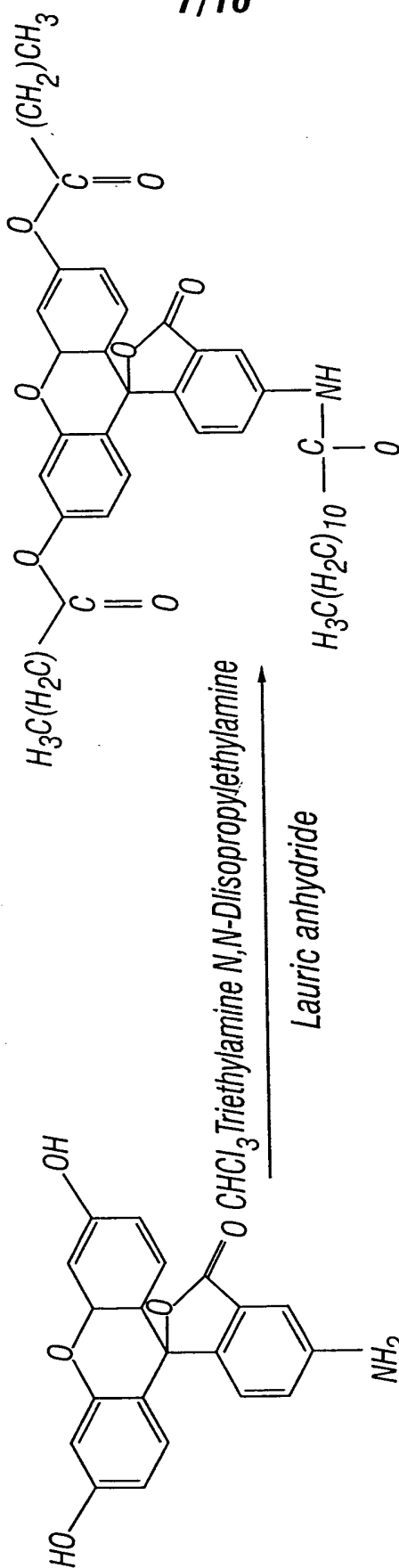


FIG. 9

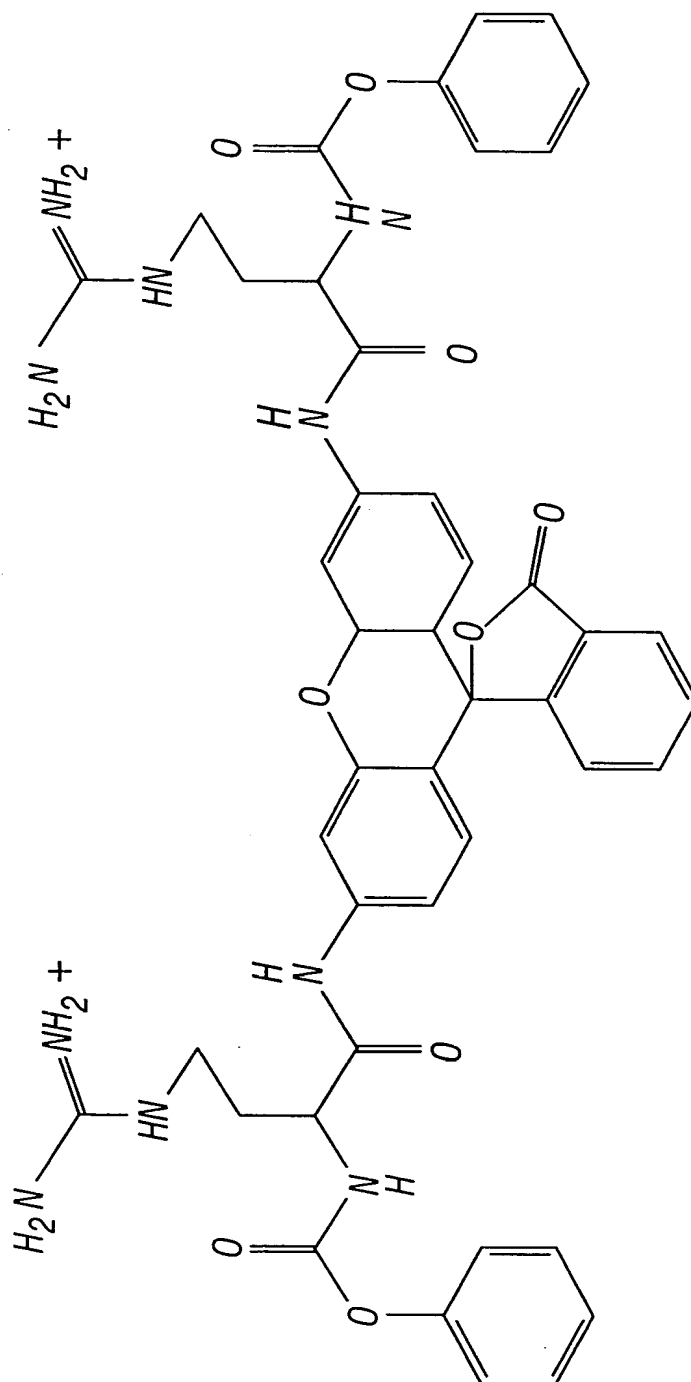


FIG. 10

9/16

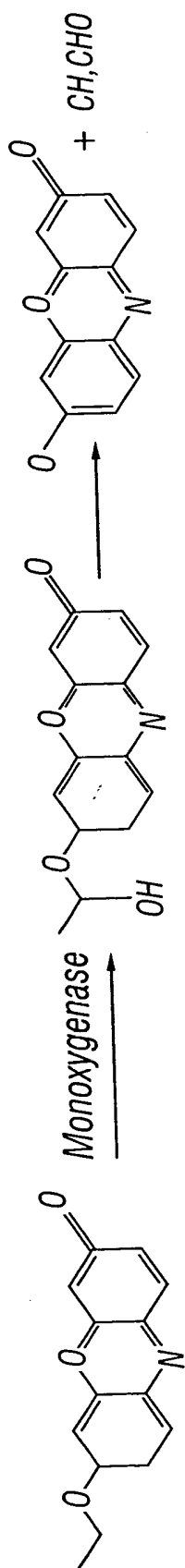


FIG. 11

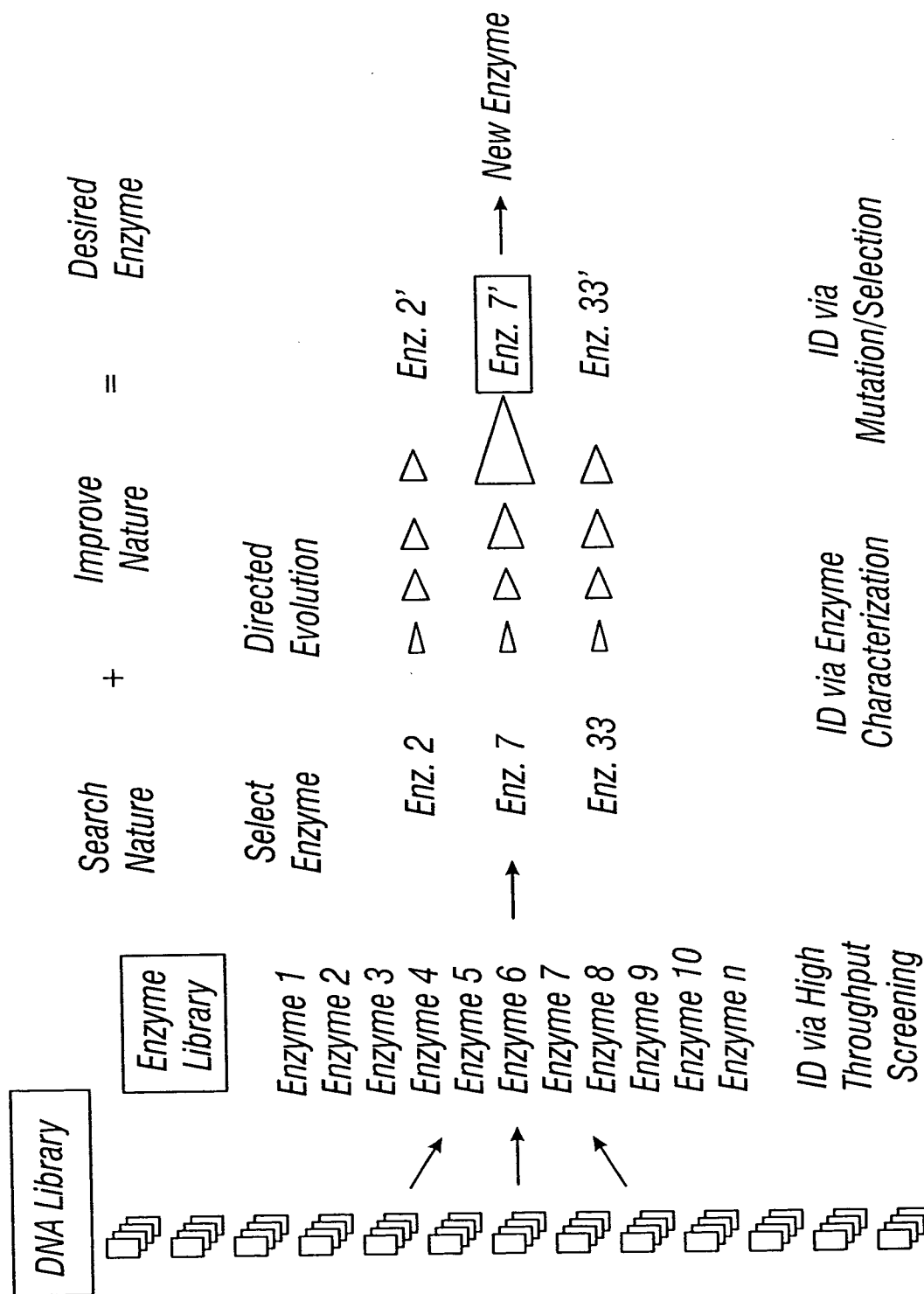


FIG. 12

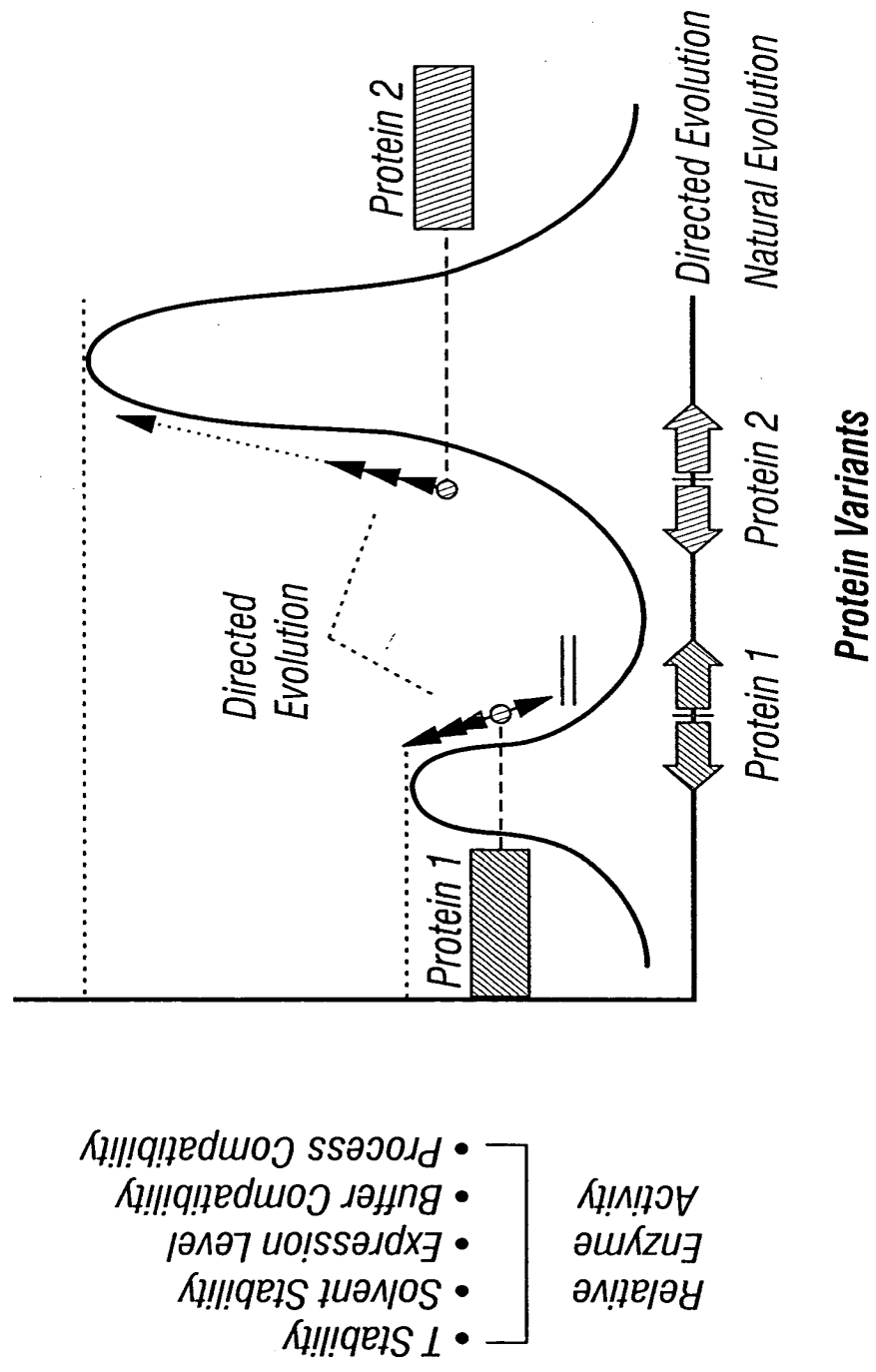
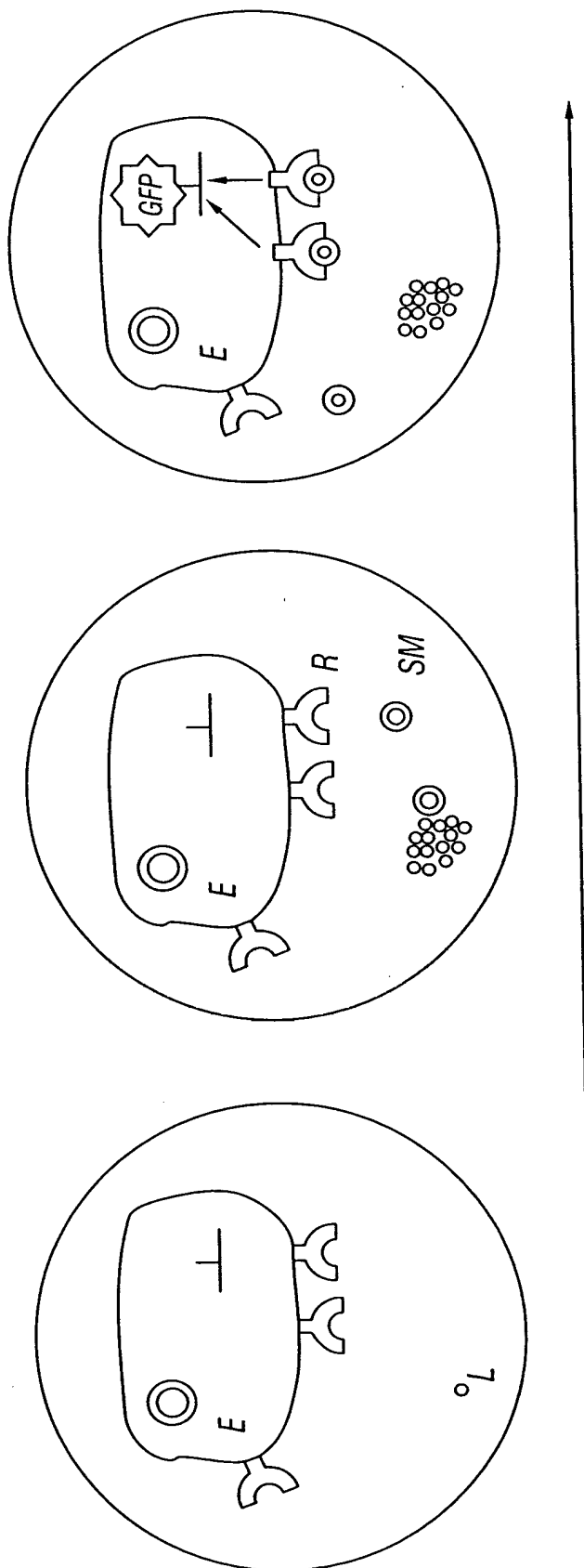


FIG. 13

12/16



Receptor binding of small molecule & GFP reporting

Growth and expression of small molecule from host

Co-encapsulation Library + Eukaryote

E=Eukaryotic assay organism L=Large insert library SM=Small molecule
GFP= Green fluorescent protein R=Eukaryotic receptor

FIG. 14

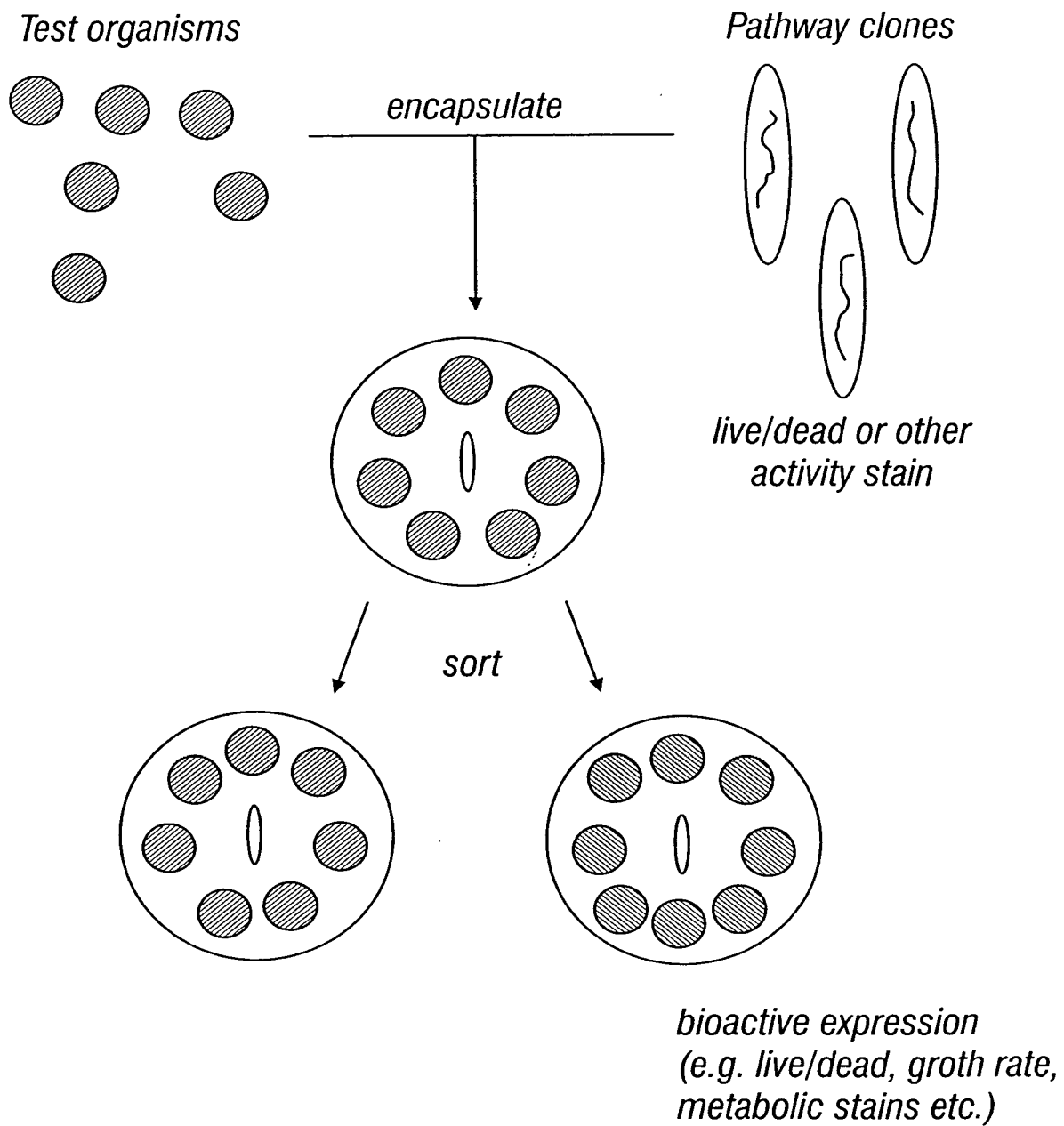
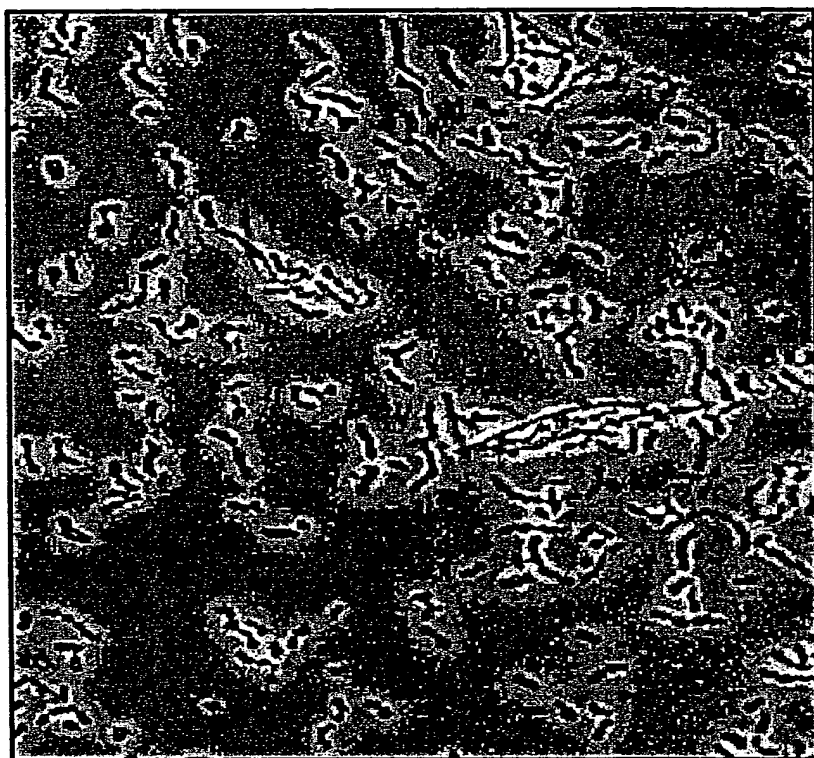
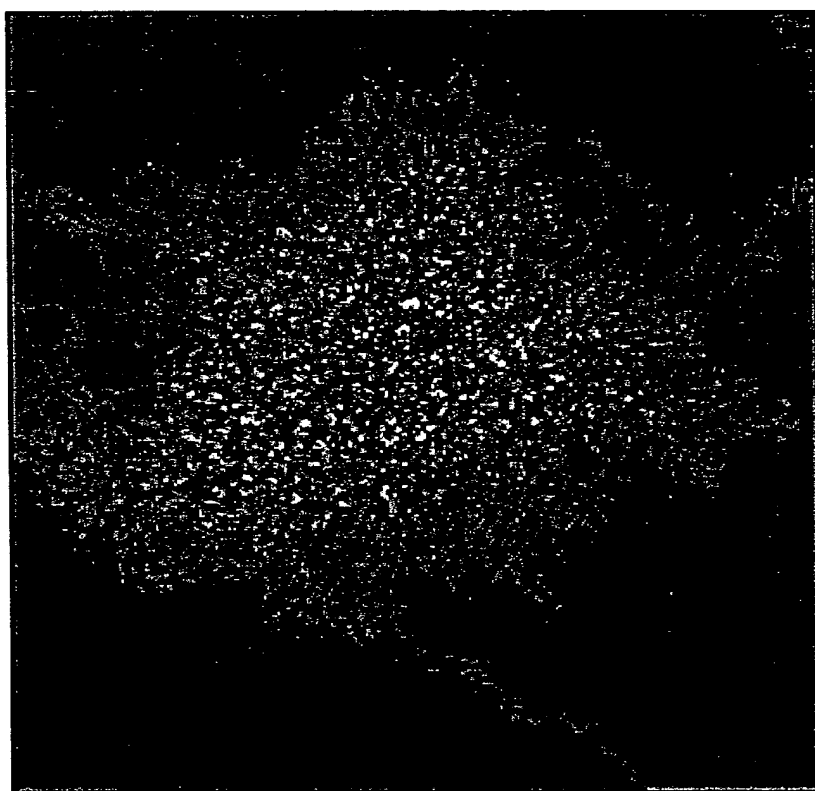


FIG. 15



Streptomyces "diversa"
Unicells



Streptomyces lividans
mycelia

FIG. 16

TEC50" 50031800

15/16

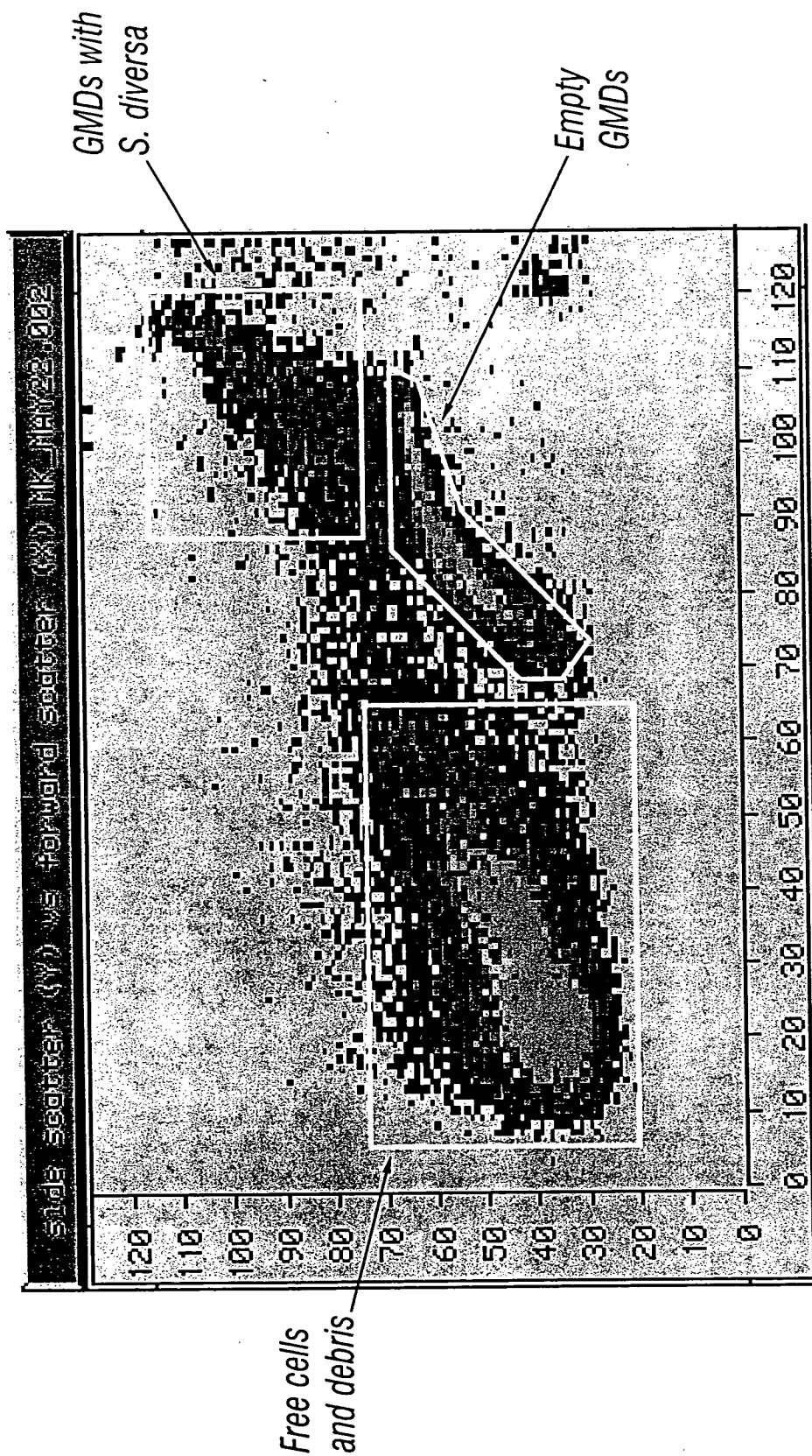


FIG. 17

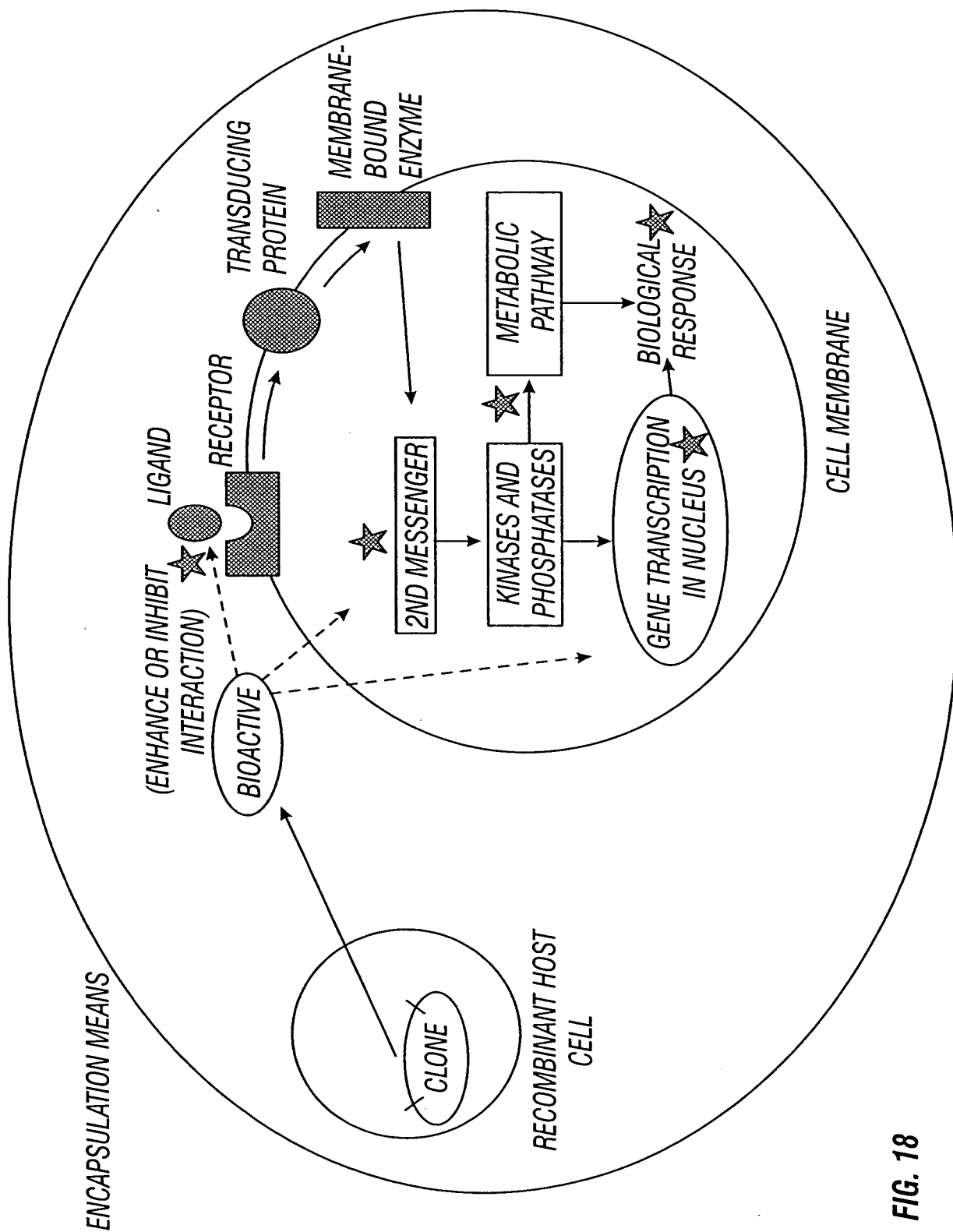


FIG. 18